

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 124-1099
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/519148</b> Unknown	
INTERNATIONAL APPLICATION NO. PCT/GB2003/002720	INTERNATIONAL FILING DATE 26 June 2003	PRIORITY DATE CLAIMED 28 June 2002	
TITLE OF INVENTION <b>PHOTOCROMIC LIQUID CRYSTALS</b>			
APPLICANT(S) FOR DO/EO/US <b>FRIGOLI et al</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings,      page Certificate of Translation).</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. a. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).             <ol style="list-style-type: none"> <li>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> </ol> </li> <li>10. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. a. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>13. b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information. (1) Copy of published PCT application No. WO 2004/003107 and (2) Application Data Sheet</li> </ol>			

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21. <input checked="" type="checkbox"/> The following fees are submitted:		
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>		
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00 <input checked="" type="checkbox"/> b) Examination Fee ..... \$200.00 <input checked="" type="checkbox"/> c) Search Fee ..... \$500.00 <b>TOTAL OF ABOVE CALCULATIONS</b> ..... \$1000.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
-100	0	/50 = 0.00
<b>X \$250.00</b> \$ 0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total Claims	11 minus 20 =	0 X \$50.00 \$ 0.00
Independent Claims	1 minus 3 =	0 X \$200.00 \$ 0.00
<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>		\$360.00 \$
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$120.00/1 month; \$450.00/2 months; \$1020.00/3 months)		
<b>TOTAL OF ABOVE CALCULATIONS</b> = \$ 1000.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by one half.		
<b>SUBTOTAL</b> = \$ 1000.00		
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).		
<b>TOTAL NATIONAL FEE</b> = \$ 1000.00		
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + \$ 40.00		
Fee for Petition to Revive Unintentionally Abandoned Application (\$1500.00 - Small Entity = \$750.00) \$ 0.00		
<b>TOTAL FEES ENCLOSED</b> = \$ 1040.00		
		Amount to be: refunded \$ Charged \$
a. <input type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed. d. <input checked="" type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/GB2003/002720 and any U.S. and foreign application(s) corresponding thereto, and GB 0214989.6, referred to in this application is/are hereby incorporated by reference in this application. <b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application-to-pending status.</b>		
<b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to:  <input checked="" type="checkbox"/> Customer Number: <b>23117</b> <small>Type Customer Number here</small>		
Telephone: (703) 816-4000 ARC:lmj		
Arthur R. Crawford NAME 25,327 December 27, 2004 REGISTRATION NUMBER Date		